

INTERNATIONAL SEARCH REPORT

International Application No

PCT/JP 03/11708

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G06F11/22 G06F3/12

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 G06F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
AN A	EP 1 189 135 A (CANON KK) 20 March 2002 (2002-03-20) paragraph '0001! paragraphs '0006! - '0011! paragraph '0014! paragraphs '0046! - '0048! paragraph '0073! figures 1-3,5	1-36
AD A	EP 1 202 160 A (MINOLTA QMS INC) 2 May 2002 (2002-05-02) paragraphs '0006! - '0020! figures 1,2	1-36
AB A	US 5 412 779 A (MOTOYAMA TETSURO) 2 May 1995 (1995-05-02) column 2, line 43 - column 4, line 39 figures 2,4,5	1-16

☐ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

25 May 2004

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Information on patent family members

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
EP 1189135	A	20-03-2002	EP 1189135 A2	20-03-2002
			JP 2002175170 A	21-06-2002
EP 1202160	A	02-05-2002	EP 1202160 A2	02-05-2002
			JP 2002318672 A	31-10-2002
US 5412779	A	02-05-1995	US 5537554 A	16-07-1996
			US 5544289 A	06-08-1996
			US 5568618 A	22-10-1996
			US 5649120 A	15-07-1997
			US 5774678 A	30-06-1998
			DE 4122421 A1	06-02-1992
			FR 2812737 A1	08-02-2002
			FR 2664403 A1	10-01-1992
			FR 2751443 A1	23-01-1998
			GB 2247540 A , B	04-03-1992
			HK 21396 A	09-02-1996
			JP 3121002 B2	25-12-2000
			JP 4068959 A	04-03-1992
			JP 3197891 B2	13-08-2001
			JP 2001034501 A	09-02-2001
			JP 2001356892 A	26-12-2001
			JP 2002264451 A	18-09-2002
			JP 2003136812 A	14-05-2003
			JP 2003285515 A	07-10-2003
			JP 2003291470 A	14-10-2003